



019545-001

UNITED STATES PLANT PATENT APPLICATION

of

WERNER NOACK

for

GROUND COVER ROSE PLANT NAMED 'FLOWER CARPET WHITE'



## Summary of the Invention

1,2  
1,2  
1,2  
1,2  
The new variety of ground cover rose plant of the present invention was created by artificial pollination wherein two parents were crossed which previously had been studied in the hope that they would contribute the desired characteristics. The female parent (i.e., the seed parent) was the 'Flower Carpet' variety (United States) Plant (Patent) No. 7,282 which sometimes is known as the 'Noatraum' variety. The 'Flower Carpet' variety is marketed under the HEIDETRAUM trademark in Germany, and possesses deep pink blossoms. The male parent (i.e., the pollen parent) 'Margaret Merrill' variety (non-patented in the United States) which is a Floribunda variety possessing white blossoms. The 'Margaret Merrill' variety sometimes is known as the 'Harkuly' variety. The parentage of the new variety can be summarized as follows: PS

TI

'Flower Carpet' x 'Margaret Merrill'.  
2 1  
33 2

PS

PS

The seeds resulting from the above pollination were sown and small plants were obtained which physically and biologically differ from each other. Selective study resulted in the identification of a single plant of the new variety.

P

It is found that the new ground cover rose plant possesses the following combination of characteristics: PS

PO

(a) forms attractive pure white, long-lasting blossoms substantially throughout the season that well retain their original coloration upon aging,

PO

(b) exhibits a compact and spreading growth habit,

PO

(c) forms attractive dark green and glossy foliage that contrasts well with the pure white blossoms,

PO

(d) exhibits excellent disease resistance with respect to blackspot, mildew, and rust, and

PO (e) is particularly suited for growing as attractive  
ornamentation in the landscape. PS

P Reproductive organs and pollen provide a generally yellow coloration at the  
center of each fully open blossom.

The new variety meets the needs of the horticultural industry and can be  
grown to advantage as attractive ornamentation in parks, gardens, public areas, and  
residential landscapes.

The new variety of the present invention has been found to readily undergo  
asexual reproduction in Germany by the use of cuttings, by the budding of an eye, and by  
grafting. Such asexual reproduction as performed in Germany has shown that the  
characteristics of the new variety are homogeneous and stable and are strictly transmissible  
from one generation to another.

1,2  
1,2  
The new variety has been named the 'Flower Carpet White' variety. The new  
variety also is known as the 'Noaschnee' variety in Europe and is being marketed under the  
SCHNEEFLOCKE trademark in Europe.

DR CL u/c

Brief Description of the Photographs

P The accompanying photographs show as nearly true as it is reasonably possible  
to make the same, in color illustrations of this character, typical specimens of the new  
variety while growing in the landscape. The illustrated rose plants were three years of age  
1,2 and were observed during July while growing outdoors on 'Pfänders' understock at  
Gütersloh, Germany.

P

FIG. 1

9

illustrates a profusion of blossoms and the foliage of the new  
variety wherein the buds and blossoms are visible in various  
stages of opening and the good petal drop character of the new  
variety is visible as the blossoms mature; and

P

FIG. 2 illustrates buds, blossoms, and foliage of the new variety in greater detail than as illustrated in FIG. 1.

DE CL u/c

Detailed Description

P

The chart used in the identification of the colors is that of the Royal Horticultural Society (R.H.S. Colour Chart) of London, England. Color terminology in common terms sometimes is included as an aid to the reader. The description is based on the observation of three year-old specimens of the new variety while growing outdoors on 'Pfänders' understock during June and July at Gütersloh, Germany.

um/ 2

um/

PS

PO

CLASS:

Ground Cover.

PO  
3/4/96

PARENTAGE:

P2

female 013 C

P2

male 013 C

F

'Flower Carpet ~~White~~' (United States Plant (Patent) No. 7,282).

F

'Margaret Merrill' (non-patented in the United States).

PO

PLANT:

P2

height 013 C

P2

form 013 C

F

approximately 50 cm. on average at the end of the growing season.

F

compact and spreading, and creates an excellent ground cover.

PO

BRANCHES:

P2

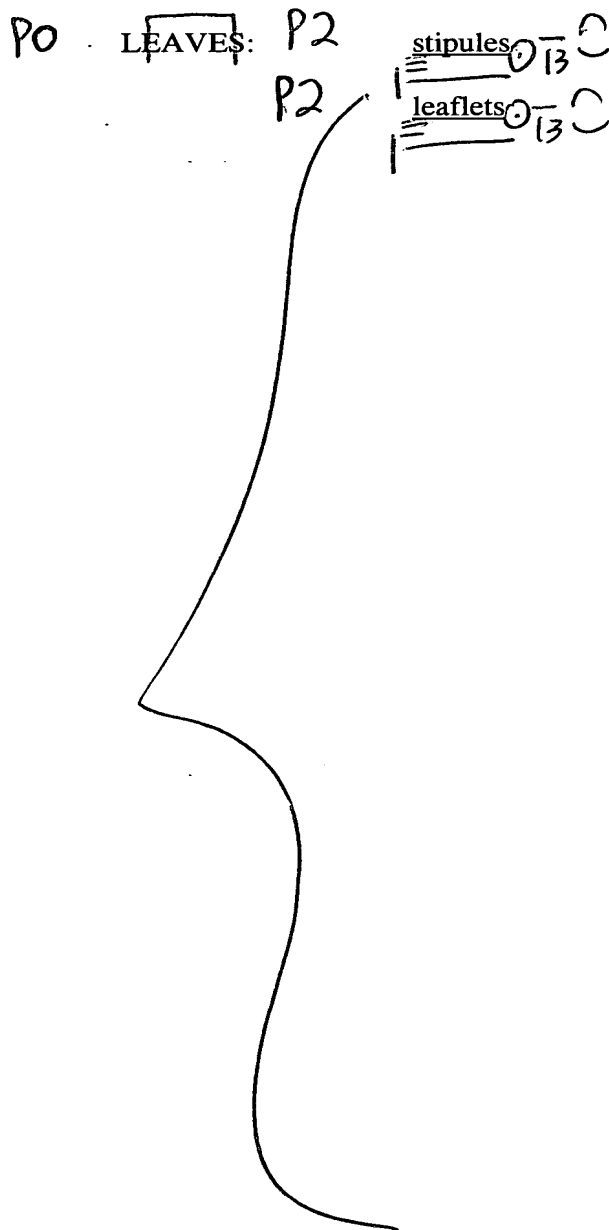
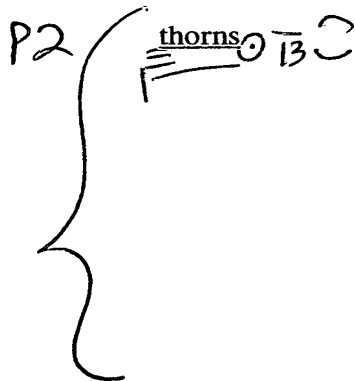
color 013 C

F

young stems: light green, and with a smooth surface.

F

adult wood: medium green and with a smooth surface.



size: medium, approximately 5 mm. in length on average, and slightly curved downward.

frequency: irregular.

color: initially light brown changing to dark brown with maturity.

light green in coloration.

number: commonly 5 or 7.

quantity: very abundant.

size: medium.

serration: simple.

color (young foliage):

upper surface: bronze as illustrated in FIG. 2.

under surface: slightly lighter than upper surface.

color (adult foliage):

upper surface: dark green and glossy as illustrated in FIG. 2.

under surface: slightly lighter than upper surface and matte.

general appearance: dense, dark green, and glossy.

texture: leathery.

P0

# INFLORESCENCE:

P2

number of  
flowers 0-13 C

P2

peduncle 0-13 C

P2

sepals 0-13 C

P2

buds 0-13 C

P2

flower 0-13 C

7

numerous and commonly in clusters.

7

light green in coloration, short in length, relatively strong, and commonly crooked.

7

commonly extend beyond the bud and are pointed.

7

shape: rounded as illustrated in FIG. 2.

7

length: approximately 3 cm. on average.

7

size: medium.

7

color when opening:

upper surface: White, White Group 155B.

under surface: White, White Group 155B.

7

form: initially cup-shaped with flattening upon maturity.

7

diameter: approximately 6 cm. on average.

7

color (when opening begins): upper surface: White, White Group 155B.

under surface: White, White Group 155B.

7

color (when blooming):

upper surface: White, White Group 155B.

Δ C

under surface: White, White Group  
155B.

color (at end of opening): upper  
surface: White, White Group 155B.

under surface: White, White Group  
155B.

fragrance: slight.

lasting quality: long on plant.

petal form: outer petals tend to have  
wavy edges (as illustrated), ~~with~~ the  
inner petals commonly have edges that  
are slightly bent.

petaloids: commonly none.

petal number: approximately 16 on  
average.

petal arrangement: generally arranged  
in a regular pattern with overlapping  
edges.

petal drop: good with a clean  
disengagement of the petals.

stamens: approximately 60 on average,  
and regularly arranged around the  
styles.

filaments: nearly transparent in  
appearance.

pistils: commonly only one.

stigmas: cream yellow in coloration.

ΔC

7 styles: thin, bunched, and tend to be of substantially the same length.

7 hips: small and orange-yellow in coloration.

P0

DEVELOPMENT:

P2

vegetation

13 C

P2

blooming

13 C

P2

aptitude to bear

fruits

13 C

P2

winter hardiness

13 C

P2

resistance to

diseases

13 C

7

strong.

7

abundant and substantially continuous throughout the season.

7

good.

7

good.

7

excellent with respect to blackspot, mildew, and rust.

PS